

**INFORMATION DISCLOSURE CITATION**  
(Page 1 of 2)

OMB N . 0651-0011

RECEIVED  
JUL 31 2001  
TC 1700

Atty. Docket No.: UD00-04 (131*206)	Serial No. 09/844,567
Applicants: Michael STRANO et al.	
Filing Date: 27 April 2001	Group: 1723

U.S. PATENT DOCUMENTS						
Examiner Initials*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
KM ↓	US 3,615,024	Oct 26, 1971	Michaels	210	490	
	US 4,451,424	May 29, 1984	Tweedle and Thayer	264	216	
	US 4,919,860	Apr 24, 1990	Schindler, et al.	264	29.1	
	US 4,954,381	Sep 4, 1990	Cabasso and Levy	428	116	
	US 5,480,554	Jan 2, 1996	Degen, et al.	210	651	
	US 5,972,079	Oct 26, 1999	Foley, et al.	96	11	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
KM ↓	Zydney and Zeman (1996), Microfiltration and Ultrafiltration – Principles and Applications, Ch. 7 & 9, Marcel Dekker, New York, NY, pp. 350-379, pp.397-437
	Foley (1995), Carbogenic Molecular-Sieves – Synthesis, Properties and Applications, <u>Microporous Materials</u> , 4,6, pp. 407-433
	Acharya and Strano (1999), Simulation of Nanoporous Carbons: A Chemically Constrained Structure, <u>Phil. Mag. B</u> , 79,10, pp. 1499-1518
	Acharya and Raich (1997), Metal-Supported Carbogenic Molecular Sieve Membranes: Synthesis and Applications, <u>Industrial &amp; Engineering Chemistry Research</u> , 36,8, pp. 2924-2930
	Acharya and Foley (1999), Spray-Coating of Nanoporous Carbon Membranes for Air Separation, <u>Journal of Membrane Science</u> , 161, pp. 1-5
	Shiflett and Foley (1999), Ultrasonic Deposition of High Selectivity Nanoporous Carbon Membranes, <u>Science</u> , 285, 17, pp. 1902-1905
	Lafyatis and Tung (1991), Poly(Furfuryl Alcohol)-Derived Carbon Molecular-Sieves—Dependence of Adsorptive Properties On Carbonization Temperature, Time, and Poly(Ethylene Glycol) Additives, <u>Industrial &amp; Engineering Chemistry Research</u> , 30,5, pp. 865-873
	Mariwala and Foley (1994), Evolution of Ultramicroporous Adsorptive Structure in Poly(Furfuryl Alcohol)-Derived Carbogenic Molecular-Sieves, <u>Industrial &amp; Engineering Chemistry Research</u> , 33, 3, pp. 607-615
	Strano and Foley (2000), Deconvolution of Permeance through Supported Nanoporous Membranes, <u>AIChE Journal</u> , 46, 3, pp. 651-658
	Carman (1956), Flow of Gases through Porous Media, pp. 50-61
	Mariwala and Foley (1994), Calculation of Micropore Sizes in Carbogenic Materials From the Methyl-Chloride Adsorption-Isotherm, <u>Industrial &amp; Engineering Chemistry Research</u> , 33,10, pp. 2314-2321
	Stevens (1999), Cesium/Nanoporous Carbon Composite Materials: Synthesis, Characterization, and Base Catalysis, Ph.D. Thesis, University of Delaware, Chap. 2, pp. 46-92

Examiner	Date Considered <u>9/9/02</u>
*Examiner:	
Form PTO 1449	
Patent and Trademark Office - U.S. Department of Commerce	

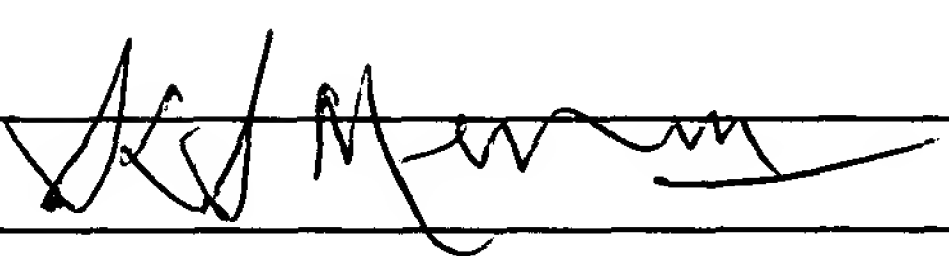
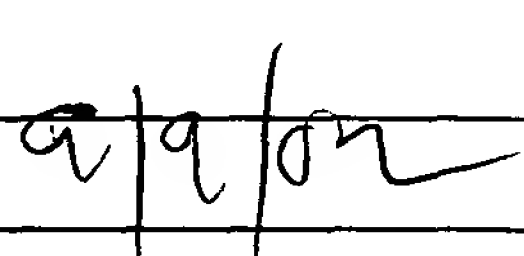
JUL 27 2001

**INFORMATION DISCLOSURE CITATION**  
(Page 2 of 2)

Atty. Docket No.: UD00-04 (131*206)	Serial No. 09/844,567
Applicants: Michael STRANO et al.	
Filing Date: 27 April 2001	Group: 1723

RECEIVED  
JUL 31 2001  
TC 1700

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
RM	Nobrega, Balmann (1989), Transfer of dextran through ultrafiltration membranes: a study of rejection data analyzed by gel permeation chromatography, <u>Journal of Membrane Science</u> , 45, pp. 17-36.
	Granath (1958), Solution properties of branched dextrans. <u>J. Colloid Interface Sci.</u> , 13, pp. 308-328
	Clark and Bansal (1991), Protein Adsorption and Fouling in Ceramic Ultrafiltration Membranes, <u>Journal of Membrane Science</u> , 55, pp. 21-38
	Ho and Zydney (1999), Effect of Membrane Morphology on the Initial Rate of Protein Fouling During Microfiltration, <u>Journal of Membrane Science</u> , 155, pp. 261-275
	Dejmek and Nilsson (1989), Flux-Based Measures of Adsorption to Ultrafiltration Membranes, <u>Journal of Membrane Science</u> , 40, pp. 189-197
	van den Berg and Smolders (1989), The Boundary-Layer Resistance Model for Unstirred Ultrafiltration. A New Approach, <u>Journal of Membrane Science</u> , 40, pp. 149-172
	Rao and Sircar (1996), Performance and pore characterization of nanoporous carbon membranes for gas separation, <u>Journal of Membrane Science</u> , 110, pp. 109-118
	Feng, Pan and Ivory (2000) Pressure Swing Permeation: Novel Process for Gas Separation by Membranes, <u>AIChE Journal</u> , Vol. 6, No. 4, pp. 724-733
✓	Rao and Sircar (1993) Nanoporous carbon membranes for separation of gas mixtures by selection surface flow, <u>Journal of Membrane Science</u> , 85, pp. 253-264

Examiner 	Date Considered 
*Examiner:	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce